Portable powerhouse

HP Compaq 8510w Mobile Workstation

The HP Compaq 8510w Mobile Workstation gives you exceptional computational and visualisation performance in a powerful yet portable 15.4-inch diagonal widescreen notebook weighing only 2.8 kg and just 28 mm thin.

Feel the power, see the results
Intel® Core™2 Duo Processors, a 64-bit computing environment, and support for up to 4
GB of system memory allow you to run demanding applications. Intel® Centrino® Pro [1] mobile technology helps reduce the total cost of operating and managing your PCs with built-in remote manageability and proactive security. Workstation-calibre graphics from ATI and NVIDIA provide full OpenGL and DirectX 10 support and are fully ISV-certified. When docked, the Dual Link DVI support lets you run ultra-high resolution monitors in their native resolution.

Experience your work in high definition
The optional Blu-ray DVD+/-RW SuperMulti DL Drive lets you play and burn high-definition content up to 50 GB (five times that of traditional DVDs) on a single Blu-Ray dual-layer disc. A convenient HDMI port (cable sold separately) allows you to connect to high-definition TVs and displays

Enjoy wireless in more places
Optional WLAN, and Bluetooth® technologies allow you to conveniently stay connected in more places. [2, 3]

HP Professional Innovations help you focus on your business
Built to protect. An array of multi-layered security solutions can be tailored to help defend your network, applications, and data. The new Drive Encryption for HP ProtectTools encrypts all information on the hard drive volume so it becomes unreadable to an unauthorised person.
Built to simplify. Boost your productivity while maximising simplicity with features such as HP QuickLook [4]. Quickly browse your email, calendars, and contact information with a touch of a button whether your PC is turned on or not.
Built to last. Reliable features such as HP DuraKeys, HP DuraFinish, full magnesium alloy enclosures, and the HP 3D DriveGuard help your notebook go the distance.

HP Compaq 8510w Mobile Workstation

HP recommends Windows Vista™ Business.

Operating system	Genuine Windows Vista Business 32/64 Genuine Windows XP Professional FreeDOS (May vary by country) SuSe Linux Enterprise Desktop 10 certified
Processor	Intel® Core™2 Duo Processors T7300 / T7500 / T7700 (2.0 GHz to 2.4 GHz, 800 MHz FSB, 4 MB L2 Cache)
Chipset	Mobile™ Intel® 965PM Express Chipset
Memory	DDR II, 667 MHz, 1024, 2048 or 4096 MB (when available); 2 SODIMM slots supporting dual channel memory; Upgradeable to 4GB maximum
Software	Preloaded software: HP Backup and Recovery Manager, HP Client Manager Software, HP OpenView Radia Management Agent, HP Client Management Interface, HP Performance Tuning Framework
ISV certifications	MCAD: AutoDesk AutoCAD, AutoDesk Inventor, AutoDesk Revit, Bentley MicroStation, Dassault CATIA V5, UGS I-DEAS 10, I-DEAS 11, UGS/PLM Unigraphics NX, NX2, NX3, UGS Solidedge, PTC Pro/E 2001 Mechanica, PTC Pro/E Wildfire Mechanica, SolidWorks, MSC.Patran, SensAble, CoCreate OneSpace Designer, ICEM Surf, PTC DV Mockup DCC: Discreet 3DS, MAX/Combustion, Alias Maya , Alias Studio Tools, Avid SoftImage XSI/3D, Avid Xpress Pro, Adobe Premiere After Effects GIS: ESRI ArcGIS 9.0, Oil/Gas: SMT, Landmark/GeoGraphix, EDS, Roxar, Schlumberger/Petrel
Hard drive	Serial ATA hard drive 160 GB (5400 rpm) or 80, 100 GB (7200 rpm)
Optical device	DVD+/-RW SuperMulti DL, DVD+/-RW SuperMulti DL LightScribe. Blue-ray Disc DVD+/-RW SuperMulti DL
Removable media	Optional external Multibay II devices
Display	15.4" WSXGA+ (1680 x 1050 resolution) wide-viewing angle or 15.4" WUXGA+ (1920 x 1200 resolution) wide-viewing angle
Graphics	NVIDIA Quadro FX 570M or ATI Mobility FireGL V5600 graphics controller; 256MB GDDR3 Discrete graphics and up to 512-MB with TurboCache/Hypermemory
Dimensions (W x D x H)	2.8 (at front) x 35.7 x 26.0 cm
Weight	Starting at 2.8 kg
Power	8-cell (73 WHr) Lithium-Ion battery, optional HP Extended Life Battery, optional HP Ultra-Capacity Battery; External 90W HP Smart AC adapter, HP Fast Charge Technology
Battery life	Up to 4 hours (up to 7 hours with HP Extended Life Battery, up to 9h30min with HP Ultra-capacity battery)
Audio	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated microphone
Wireless support	Intel PRO/Wireless 802.11a/b/g/draft-n, Intel PRO/Wireless 802.11 a/b/g, Intel PRO/Wireless 802.11 b/g and/or Bluetooth™ 2.0
Communications	56K modem
Expansion slots	Slots available for additional devices: 1 Type I/II PC Card slot supports both 32-bit CardBus and 16-bit cards, 1 Secure digital slot
I/O ports and connectors	4 USB 2.0 ports, VGA, stereo microphone in, stereo headphone/line out, Firewire (1394a), HDMI, power connector, docking connector. RJ-11, RJ-45
Keyboard	Full-sized keyboard
Pointing device	Enhanced dual pointing devices (touchpad and pointstick) with scroll zone
Security	HP ProtectTools Security Manager, HP TPM Embedded Security Chip, HP Biometric Fingerprint Sensor, Optional Integrated smartcard reader, HP Privacy Filter Kensington Lock slot, Symantec Norton Internet Security
Docking solutions	HP Docking Station, HP Advanced Docking Station, HP 3-in-1 NAS Docking Station, HP External MultiBay II, HP Monitor Stand, HP Adjustable Notebook Stand (all sold separately)
Warranty	3 years pick-up and return (upgrades available, sold separately) 1 year warranty on primary battery

1 Select models only. 2 Wireless, Internet, and VoIP use requires separately purchased service contract. Check with service provider for availability and coverage in your area. Available in select countries only. 3 Wireless access point required and is not included. Availability of public wireless access points limited. 4 Windows Vista models only

© 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Certain Windows Vista product features require advanced or additional hardware. See http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and http://www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.
Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Microsoft, Windows and Vista are either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. Intel, Centrino and Core and trademarks or registered trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries.

For more information, please visit www.hp.com/eur/notebooks

4AA1-1838EEE. May 2007

HP Compaq 8510w Mobile Workstation

HP recommends Windows Vista™ Business.

Recommended accessories

HP Executive Leather Case

Work and travel in style with a professional exterior that perfectly compliments its functional interior. Store your notebook, mobile phone, media devices and other accessories knowing that everything remains easily accessible and safe from damage.

Product number: RR316AA

HP Ultra Capacity Battery

When you are away from your desk and out on the road, stay mobile for longer with the HP 12-cell Ultra-Capacity Battery. By increasing your notebook's battery life by up to 10 hours, you can benefit from having up to 16 total hours of battery power.

Product number: EJ092AA

HP Advanced Docking Station

The perfect home for your mobile office with full port replication and a wide range of advanced features. This unique HP desktop solution supports hot docking to provide hassle-free convenience for on-the-go professionals.

Product number: EN489AA

HP Bluetooth PC Card Mouse

With an innovative new 'card' shape and design this unique HP wireless optical mouse is both convenient and easy to use. Simply transport and charge inside your PC Card slot and with Bluetooth connection it's always ready the minute you are.

Product number: RJ316AA

HP Kensington Security Lock

Peace of mind in an instant. This handy cable lock device attaches itself to your notebook and is then secured to an anchor point in your workspace, ensuring your notebook remains exactly where it should.

Product number: PC766A

For more information, please visit www.hp.com/eur/notebooks